

REMARKS/ARGUMENTS

The Examiner is requiring election of a single Group of claims for further prosecution.

The Claims have been divided into Groups as follows:

Group I: Claims 1-14, 28 and 29, drawn to a hydrophobic substrate.

Group II: Claims 15-27, drawn to a process of making a hydrophobic substrate.

Applicants elect, with traverse, Group II, Claims 15-27 (drawn to a process of making a hydrophobic substrate), for examination.

Restriction is only proper if the claims of the restricted groups are independent or patentably distinct and there would be a serious burden placed on the Examiner if restriction is not required (MPEP §803). The burden is on the Examiner to provide reasons and/or examples to support any conclusion in regard to patentable distinction (MPEP §803). Moreover, when citing lack of unity of invention in a national stage application, the Examiner has the burden of explaining why each group lacks unity with each other group specifically describing special technical features in each group (MPEP § 1893.03(d)).

The Office has asserted that Groups I - II do not relate to a single general inventive concept under PCT Rule 13.1 because under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

“The special technical feature of a mineral silicon-containing sublayer is in an activated state before contacted with a hydrophobic agent which is disclosed by US patent 6,482,524 B1. Consequently, the special technical feature does not provide a contribution over the prior art.”

Annex B of the Administrative Instructions under the PCT at (b) Technical Relationship states:

“The expression “special technical features” is defined in Rule 13.2 as meaning those technical features that defines a contribution which each of the inventions, considered as a whole, makes over the prior art. The determination is made on the contents of the claims as interpreted in light of the description and drawings (if any).”

Applicants respectfully submit that the Examiner has not provided any indication that the contents of the claims *interpreted in light of the description* was considered in making the assertion of a lack of unity and therefore has not met the burden necessary to support the assertion.

Furthermore, 37 C.F.R. § 1.475(b) states in pertinent part:

“An international or a national stage application containing claims to different categories of invention will be considered to have unity of invention if the claims are drawn only to one of the following combinations of categories:

- (1) A product and a process specially adapted for the manufacture of said product; or
- (2) A product and a process of use of said product; or
- (3) A product, a process specially adapted for the manufacture of the said product, and a use of the said product; or
- (4) A process and an apparatus or means specifically designed for carrying out the said process; or
- (5) A product, a process specially adapted for the manufacture of the said product, and an apparatus or means specifically designed for carrying out the said process.”

In addition, The MPEP §806.03 states:

“Where the claims of an application define the same essential characteristics of a *single* disclosed embodiment of an invention, restriction there between should never be required. This is because the claims are not directed to distinct inventions; rather they are different definitions of the same disclosed subject matter, varying in breadth or scope of definition.”

Applicants respectfully submit that the Office has not considered the relationship of the inventions of Groups I-II with respect to 37 C.F.R. § 1.475(b)(2) and MPEP §806.03. Therefore

the burden necessary according to MPEP § 1893.03(d) to sustain the conclusion that the groups lack of unity of invention has not been met.

Accordingly, and for the reasons presented above, Applicants submit that the Office has failed to meet the burden necessary in order to sustain the requirement for restriction.

Applicants therefore request that the requirement for restriction be withdrawn.

Applicants respectfully submit that the above-identified application is now in condition for examination on the merits, and early notice thereof is earnestly solicited.

Respectfully Submitted,

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